



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Dan Stoianovici

Louis R. Kavoussi

Assignee: The Johns Hopkins University

Application No.: 10/666,213

Filed: September 18, 2003

For: Planetary-Harmonic Motor

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Notice of Allowance Date:

Group Art Unit: 3681

Examiner: Roger L. Pang

Class-Subclass:

Atty. Dkt. No.: JHUSK1

RESPONSE TO 6/20/05 COMMUNICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATT: Examiner Roger L. Pang, Group 3681

Dear Sir:

In response to your 6/20/05 dated communication regarding the above referenced patent application, applicants hereby respond as follows:

RESTRICTION ELECTION

In response to you restriction requirement, the applicants provisionally elect the invention you have associated with FIGS. 8A-B.

The Claims that read upon the invention of FIGS. 8A-B are 1, 12-14 and 16-17.

REQUEST FOR AMENDMENT

In response to your notes regarding initial-examination, potential problems with the application, applicants hereby request that this application be amended as shown below.

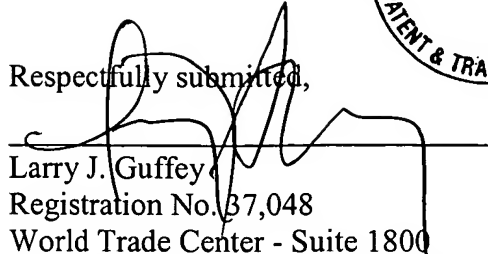
AMENDMENT TO THE ABSTRACT

Please amend the abstract as shown below:

A motor suitable for use in a medical imaging environment has (a) a centrally located means for actuating a radial wave, (b) a deformable flexspline having an inner surface and a toothed outer surface with ~~, with the flexspline coaxially aligned with the central axis of the radial wave actuating means and oriented such that the flexspline inner surface is proximate the outer boundary surface of the actuation means, and with the flexspline toothed outer surface~~ having a first specified number of teeth, and (c) a circular spline having a toothed inner surface with ~~, this spline having an outer boundary surface and being coaxially aligned with the central axis and oriented such that the spline toothed inner surface is proximate the flexspline's toothed outer surface, with the spline inner surface~~ having a second specified number of teeth which is different than the first specified number of teeth in the flexspline, wherein the actuation means is operable so that the action of its radial wave causes at least one of the flexspline teeth to engage at a point the toothed side of the circular spline in such a manner that an engagement point passes as a wave around the inner perimeter of the circular spine, with the movement of this engagement point causing the flexspline to rotate around its central axis.



Respectfully submitted,

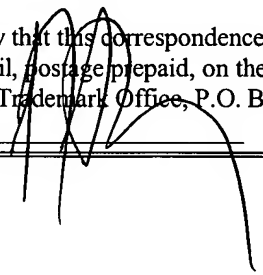

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8/20/05
Date

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CERTIFICATE OF MAILING

I hereby certify that this correspondence, and attachments, if any, will be deposited with United States Postal Service, First Class Mail, postage prepaid, on the date indicated above and will be addressed to the Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature: 

DATE OF DEPOSIT: 8/20/05